

**WASTE MANAGEMENT
SURFACE EMISSION MONITORING
CALIBRATION AND PERTINENT DATA**

Date: 12/12/2014

Site Name: Cottonwood Hills

WEATHER OBSERVATIONS

Wind Speed: 4 MPH Wind Direction: NW Barometric Pressure: 30.1

Air Temperature: 34 deg F General Weather Conditions: Overcast, Rain

CALIBRATION INFORMATION

Pre-monitoring Calibration Precision Check

Procedure: Calibrate the instrument. Make a total of three measurements by alternating zero air and the calibration gas. Record the readings and calculate the average algebraic difference between the instrument reading and the calibration gas as a percentage. The calibration precision must be less than or equal to 10% of the calibration gas value.

Instrument ID: 30987664 Cal Gas Concentration: 500 ppm

Trial	Zero Air Reading	Cal Gas Reading	(Cal Gas Conc. - Cal Gas Reading)
1	0.32	501	-1.00
2	0.19	490	10.00
3	0.17	493	7.00

Average Difference: 5.33

Calibration Precision = Average Difference/Cal Gas Conc. X 100%
1.1%

Post-monitoring Calibration Check

Zero Air Reading: 0.21 ppm Cal Gas Reading: 490 ppm

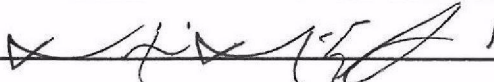
BACKGROUND CONCENTRATION CHECKS

Upwind Location Description: NW access Road Reading: 3.67 ppm

Downwind Location Description: SE access Road Reading: 6.79 ppm

NOTES:

No readings over 180ppm. Site has had excessive rain fall.



SEM Cal Form

WM00208

